

AMENDMENTS TO THE CLAIMS

1-19. (Canceled)

20. (Currently Amended) A method for displaying positions of home network appliances, comprising:

generating via an appliance identifier generator, a graphic object corresponding to an appliance identifier, that has an appliance type identifier and an appliance inherent identifier, for indicating a home network appliance connected to a home network;

generating a text object corresponding to a position pointer for indicating a position of the home network appliance; and

displaying, via a display unit, the graphic object corresponding to the appliance identifier with the text object corresponding to the position pointer, wherein a text size of the appliance identifier is adjustable,

wherein the appliance type identifier is a friendly name and the appliance inherent identifier is a Universal Domain Number (UDN), and

wherein the friendly name and the UDN are linked together to identify different appliances,

wherein the linked friendly name and the UDN are stored in a position matching table in which the position matching table includes rooms of the home including the home network appliances linked to the position pointer as a top level node and all of the different appliances identified by the linked friendly name and the UDN in lower level nodes for each room such that it can be known if one home appliance of the same linked friendly name and the UDN is located in multiple rooms.

21. (Currently Amended) An apparatus for displaying positions of home network appliances, comprising:

an appliance identifier generator configured to generate a graphic object corresponding to an appliance identifier, that has an appliance type identifier and an appliance inherent identifier, for indicating a home network appliance connected to a home network; and

a display unit configured to generate a text object corresponding a position pointer for indicating a position of the home network appliance and display the graphic object corresponding to the appliance identifier with the text object corresponding the position pointer, wherein a text size of the appliance identifier is adjustable,

wherein the appliance type identifier is a friendly name and the appliance inherent identifier is a Universal Domain Number (UDN), and

wherein the friendly name and the UDN are linked together to identify different appliances,

wherein the linked friendly name and the UDN are stored in a position matching table in which the position matching table includes rooms of the home including the home network appliances linked to the position pointer as a top level node and all of the different appliances identified by the linked friendly name and the UDN in lower level nodes for each room such that it can be known if one home appliance of the same linked friendly name and the UDN is located in multiple rooms.

22-27. (Canceled)

28. (New) A home network system comprising:

a network interface module configured to connect home network appliances to a home network;

a graphic display module configured to display information related to the home network appliances and the home network;

a position matching table configured to store information related to the home network appliances; and

a processor configured to cooperate with the network interface module, the graphic display module, and the position matching table in order to display on a screen:

a first screen region to display icons representing the home network appliances, whereby a single icon represents a single type of home network appliance,

a second screen region to display selectable scroll arrow icons to allow a user to scroll through multiple icons representing the home network appliances, and

a third screen region to display a menu list for a particular type of home appliance, the menu list including location information indicating where one or more of the particular type of home appliance is located in the home network.

29. (New) The system of claim 28, wherein the third screen region is a pop-up screen that is displayed upon user selection of a corresponding single icon that represents a single type of home network appliance.

30. (New) The system of claim 29, wherein the menu list contains user selectable items for one or more home network appliances.

31. (New) The system of claim 30, wherein the position matching table comprises entries for appliance type identifiers that indicate a type of home network appliance and product inherent identifiers that is unique to a particular home network appliance.

32. (New) The method of claim 31, wherein the network interface module, the graphic display module, the position matching table, and the processor are implemented in a digital television apparatus.